

**REMARKS/ARGUMENTS**

Claims 5, 6, 8 - 17, 19 - 23, 26, 27, 30, and 31 are pending.

Claims 31 and 17 were rejected under 35 U.S.C. Section 112, Second Paragraph.

Claims 11 - 14, 17, and 32 - 34, 36, and 37 were rejected under 35 U.S.C. Section 102 for allegedly being anticipated by Rasums et al. (U.S. Pat. No. 5,572,395).

Claims 15 and 19 were rejected under 35 U.S.C. Section 103 for allegedly being obvious in view of Rasums et al. in view of modern design practices.

Claims 19, 20, 21, 23, 26, 27, 30, and 38 were rejected under 35 U.S.C. Section 103 for allegedly being obvious in view of Rasums et al. and Goerke et al. (U.S. Pat. No. 5,698,973).

Claims 35, 39, and 40 were rejected under 35 U.S.C. Section 103 for allegedly being obvious in view of Rasums et al., Latham et al. (U.S. Pat. No. 5,760,571), and cited pages in Boylestad & Nashelsky, "Electronic Devices and Circuit Theory."

Claims 5 and 6 were rejected under 35 U.S.C. Section 103 for allegedly being obvious in view of Rasums et al. and Johansson (U.S. Pat. No. 5,587,685).

Claim 41 was rejected under 35 U.S.C. Section 103 for allegedly being obvious in view of Rasums et al., Goerke et al., Latham et al., and cited pages in Boylestad & Nashelsky.

It is noted with appreciation, however, that claim 31 is allowed and that claims 7 - 10, 18, 25, and 29 are deemed to recite allowable subject matter.

Independent claim 5 has been amended without prejudice to incorporate the allowable subject matter recited in dependent claim 7. Dependent claims 8 and 9 have been amended accordingly. Claim 7 has been canceled.

Independent claim 11 has been amended without prejudice to incorporate the allowable subject matter recited in dependent claim 18. Claim 18 has been canceled.

Independent claim 23 has been amended without prejudice to incorporate the allowable subject matter recited in dependent claim 25. Claim 25 has been canceled.

Independent claim 27 has been amended without prejudice to incorporate the allowable subject matter recited in dependent claim 29. Claim 29 has been canceled.

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Amdt: dated October 29, 2003  
Amendment under 37 CFR 1.116 Expedited Procedure  
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PATENT

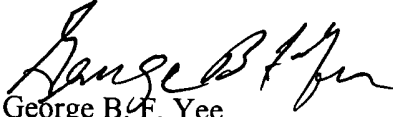
Claim 31 has been amended to recite that "the second circuit means further being responsive to the control signal so that the amount of power that is applied to the device is protected from the electrical noise." This aspect of the invention is discussed in paragraph [36] of the specification.

**CONCLUSION**

In view of the foregoing, all claims now pending in this Application are believed to be in condition for allowance and an action to that end is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,

  
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